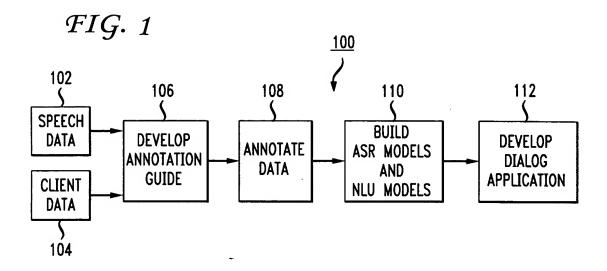
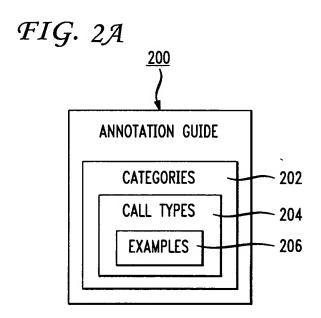
1/12





2/12

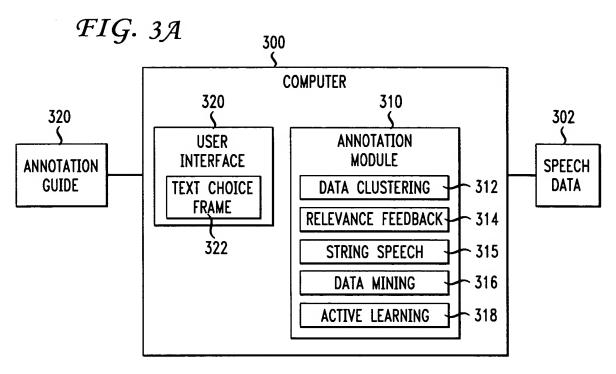
FIG. 2B

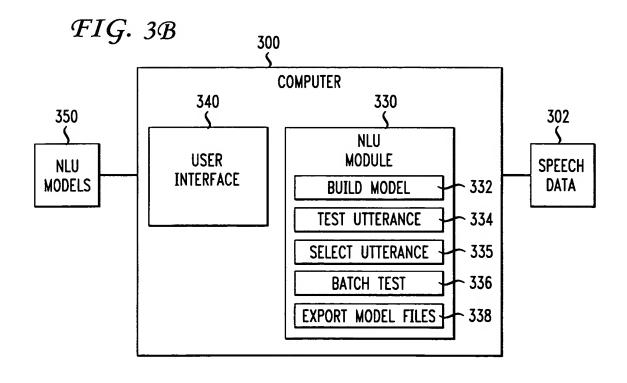
<u>250</u>

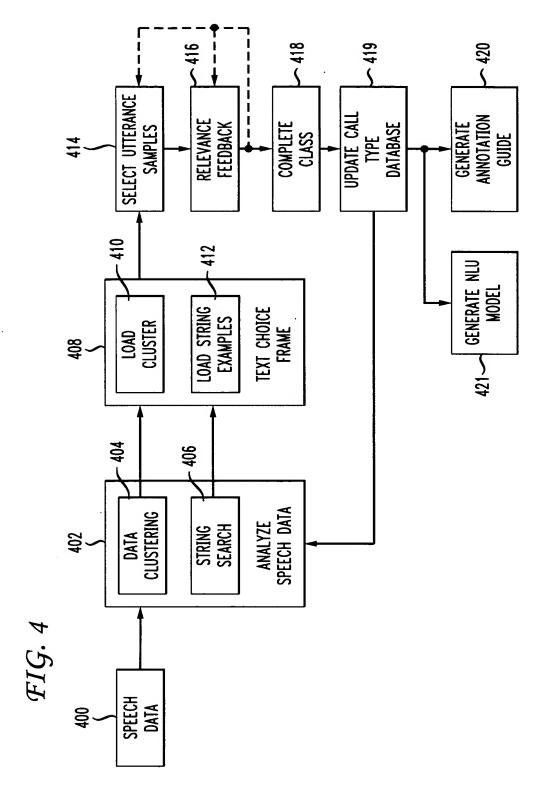
ANNOTATION GUIDE	
<u>File Edit View Favorites Tool Help</u>	
⊕ Back ⊕ 🗷 🗗 😘 🔎 Search 🌣 Favorites ֎ Media 🕏 🔂 🖂 🖵	
Address http://webaddress ← Go Lin	k >>
Annotation Guide for 0300	
Table of Contents	
252 \[\begin{array}{c} 1 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
254 \[\begin{array}{c c} \frac{2 & Application & Specific & Call & Types \\ \frac{2.1 & Billing}{2.1.1 & Request & (Bill & Balance)} \\ \frac{2.2.2 & Request & (PayBillByPhone)} \end{array} \]	
256 \[\begin{align*} & \frac{3. \ \ \text{Standard Call Types} \\ \ \frac{3.1 \ \ \text{Named Entities}}{\frac{3.1.1 \ \ \ \ \text{Amount } []}{3.2 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
4. Appendix	
1 Introduction The purpose of the Annotation Guide is to provide instructions to labelers in annotating the data. The annotations are in turn used to transfer natural language models for the intents that the application needs.	
1.1 Terminology	
[[@ Internet	

2003-0059









5/12

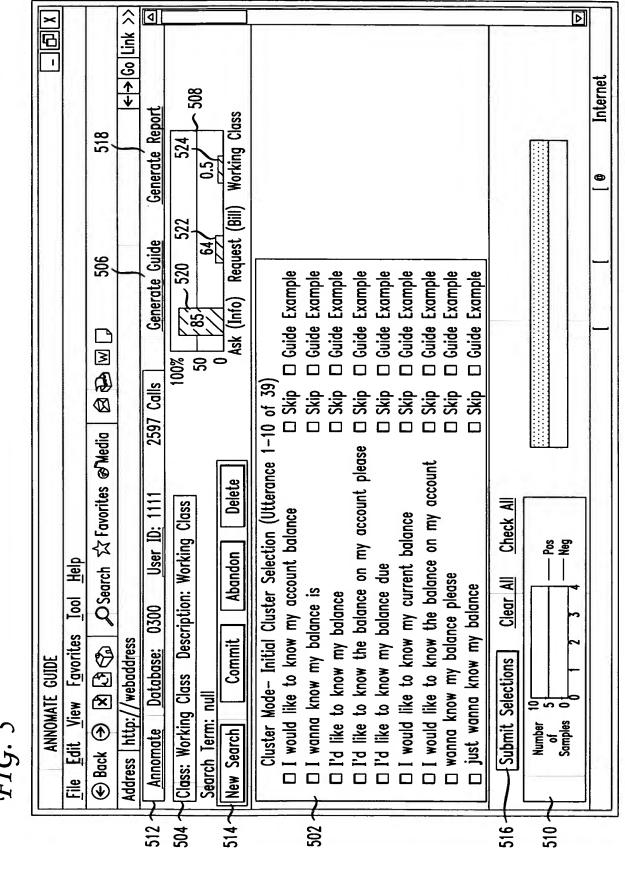
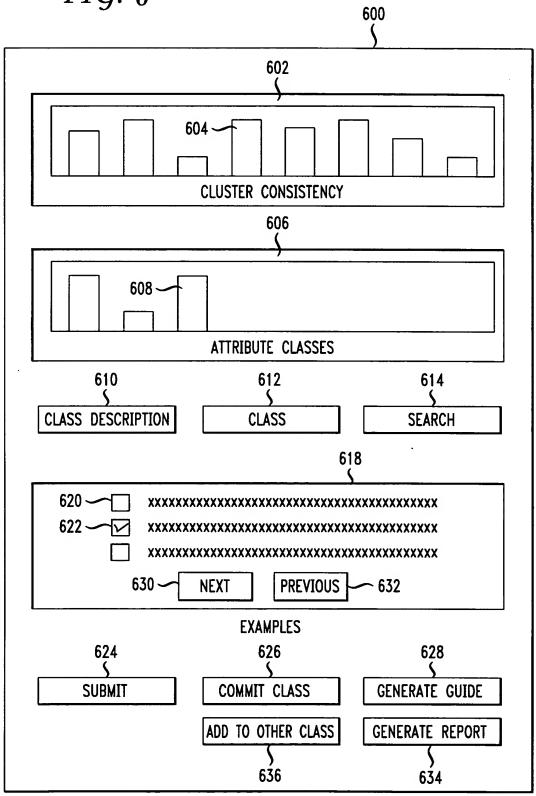
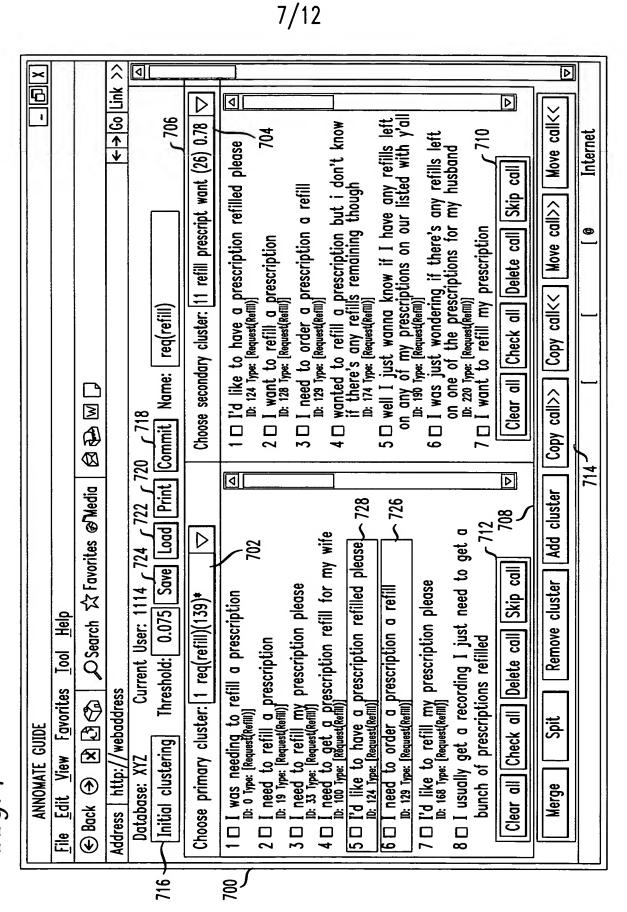


FIG. 5

FIG. 6

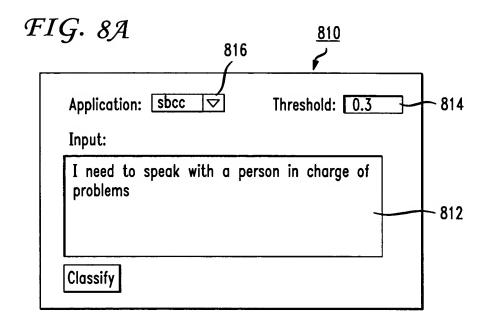


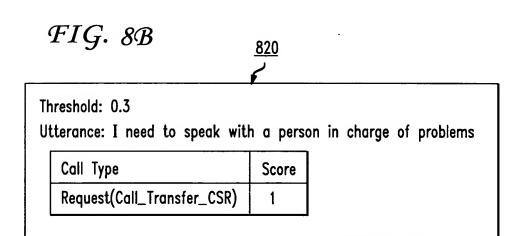
C. 3



, 2003-0059

8/12





9/12

FIG. 9A

<u>910</u>

Threshold: 0.3

Number of Committed Classes: 37

Number of Unique IDs: 221

Total Number of IDs including clones: 567

§ 912

ID	Class	Call Type	Utterance
3659	no	Request (Call_Transfer_CSR)	I need to speak with a person in charge of problems
461	no	Ask(Status_Account)_V	is our account active
784	yes	Report TroublePlacingCCCall)	I have a calling card that is not working

FIG. 9B

<u>920</u>

Threshold: 0.3

True Call Type(s): Request(Call_Transfer_CSR)

ID: 3659

Utterance: I need to speak with a person in charge of problems

Call Type	Score
Request(Call_Transfer_CSR)	1

FIG. 10A

Threshold: 0.3

r 1012

Click here to see classification report and overall classification metrics for all the test utterances

Click here to see NLU Model confidence scores for all the test utterances

1014

Click here to see NLU Model probabilities for all test utterances

1016

Click <u>here</u> to see summary results Detailed Results

FIG. 10B

			10/	12				
Below Threshold					Request(Info_International) [0.00000000] Transcription_Indicated	[0.0000000]		
Above Threshold					Request (PIN) [1.000000]			
Truth	Request (Call_Transfer_CSR) [1.0000000]	Ask(Status_Account) [0.999995]	Report (Trouble_PlacingCCCall) [1.000000]	Request(Status_CC) [1.000000]	Report (Trouble_PlacingCCCALL)	[0.999993]	Request (Call_Transfer_CSR) [1.000000]	Request(Visa)[1.000000]
r Utterance	a person in charge of problems	is our account active	i have a calling card that is not working	i have two a t and t calling cards i want to know which card to active	um i'm trying to use my calling card pin and it won't work it's Report um under century twenty one galaxy and uh pin number is three two nine five		someone directly on the phone	inquiry about a corporate credit card
Number	-	2	3	176	177		178	179

. 4003-,003

11/12

FIG. 10C

Summary Results

Class	Number of tests	Overall Score
Explain(Bill_UnrecognizedNumber)	0	
Transcription_Indicated	0	
Request(Info_International)	13	0.846
Ask(Bill_CC)_V	2	1.000
Verify(Payment)	0	
Request(PIN)	41	0.919
Not(Information)	2	0.000
Request(Order_CC)	37	0.879
Request(Info_Rates)	5	0.420
Ask(Trouble)_V	5	1.000
Request(Rates_CC)	7	0.810
Request(Visa)	18	0.886
Request(Status_CC)	19	0.775
Request(Cancel_CC)	104	0.971
Request(Billing_Other)	1	1.000

